

PATENT APPLICATION

GSC 14,616-1

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANTS: John J. Degnan

SERIAL NO.:

ART GROUP UNIT:

FILED:

FOR: **THREE DIMENSIONAL IMAGING LIDAR**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

December 5, 2003

Sir:

Pursuant to 37 C.F.R. § 1.97 and 1.98, applicants hereby submit an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO/SB/08 & 08B, attached hereto.

II. COPIES

Submitted herewith is a legible copy of each publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed.

III. CONCISE EXPLANATION OF THE RELEVANCE

As all of the patents are in the English language, concise explanation is not required.

FEES

This Information Disclosure Statement is being filed with the application.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 14-0116.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. §§ 1.16 or 1.17 to Deposit Account No. 14-0116.

Respectfully submitted,

By Chan K. Park 12/5/03
Chan K. Park Date
Reg. No. 48,175

Code 503/Office of Patent Counsel
NASA Goddard Space Flight Center
Greenbelt, Maryland 20771
(301) 286-7351

Enclosures: X PTO/SB/08A & 88B

 2 References

 Foreign Search Report

 Other:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	
				Filing Date	
				First Named Inventor John J. Degnan	
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number GSC 14,616-1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 5,272,325	12/21/93	Peng	
		US- 4,453,087	6/5/84	Linick	
		US- 4,850,686	6/25/89	Morimoto et al.	
		US- 4,470,698	9/11/84	Green Jr., et al.	
		US- 5,964,432	10/12/99	Obkircher	
		US- 4,502,751	3/5/85	Fjeldsted et al.	
		US- 6,343,245	6/29/02	Degnan	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			Compleat if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	
			Filing Date	
			First Named Inventor	John J. Degnan
			Group Art Unit	
			Examiner Name	
			Attorney Docket Number	GSC 14,616-1
Sheet	2	of	2	

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.